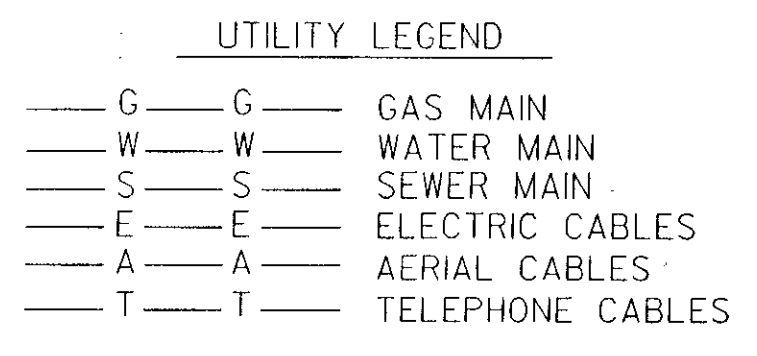


PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

- Construction details**
- A. Install single mast arm pole 27', 38' mast arm with signal heads and signs as shown. (NOTE: 1-2" and 1-3" pvc schedule 80 pvc bend in the pole next to the control cabinet.)
  - B. Remove existing base-mounted cabinet. Install new NEMA size "6" base-mounted cabinet on existing pad with all necessary equipment.
  - C. Install 6' x 30' loop detector encased in flexible tubing quadruple type (3-6-31).
  - D. Install micro loop probes.
  - E. Install a handhole.
  - F. Use existing conduit.
  - G. Install 4" polyvinyl chloride electrical conduit-schedule 80 - bored.
  - H. Install 2" polyvinyl chloride electrical conduit-schedule 80 - trenched.
  - I. Install 3" polyvinyl chloride electrical conduit-schedule 80-trenched.
  - J. Install ground mounted signs and supports.
  - K. Use existing handhole.
  - L. Install 1" liquid tight flexible conduit for loop detector lead-in.
  - M. Install 1" galvanized conduit for loop detector lead-in.
  - N. Install 24" white heat applied permanent preformed thermoplastic pavement markings.
  - O. Install heat applied permanent preformed thermoplastic pavement marking arrow.
  - P. Coil, mark and cap 10' of 3" pvc conduit above ground 2' away from the transformer marked "A".
  - Q. Install twin mast arm pole 27', 50'/50' mast arm with signal heads and opticom detector eye as shown.
  - R. REMOVE EXISTING STOP SIGN, INSTALL SHIELD ASSEMBLY SIGN.



**CENTURY ENGINEERING, INC.**  
CONSULTING ENGINEERS - PLANNERS  
32 WEST ROAD  
TOWSON, MARYLAND 21204

REVISIONS	APPROVALS
	<i>Michael Pugh</i> 2/4/00 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>David J. ...</i> 2/4/00 ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	<i>...</i> 2/4/00 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>...</i> 02/08/00 DIRECTOR, TRAFFIC & SAFETY

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
SIGNAL PLAN  
US 50 AT PHILLIP MORRIS DRIVE

DRAWN BY: D.C.G.	F.A.P. NO. AC-STPG-000516831E	TS NO. 3980	SHEET NO. 01 OF 02
CHECKED BY: T.H.	S.H.A. NO. XX1005185	T.I.M.S. NO. 0578	
SCALE: 1" = 30'	COUNTY: WICOMICO	LOG MILE: 22050018.41	
DATE: 12/99			

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